

Substitute for form 1449A/PTO  
(Revised 10/2001)

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

## **Complete if Known**

Application Number	To be assigned
Filing Date	Concurrently herewith
First Named Inventor	Kenneth M. Sprouse
Group Art Unit	3746
Examiner Name	Louis J. Casaregola
Attorney Docket Number	38190/275645

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
LJC	1	US-2,636,778	04-28-1953	Michelsen	
	2	US-2,785,926	03-19-1957	Lataste	
	3	US-2,857,204	10-21-1958	Gross	
	4	US-2,930,532	03-29-1960	Johnson	
	5	US-3,056,559	10-02-1962	Orr	
	6	US-3,093,315	06-11-1963	Tachiki, et al.	
	7	US-3,121,639	02-18-1964	Bauer, et al.	
	8	US-3,430,863	03-04-1969	Canavan, et al.	
	9	US-3,603,092	09-07-1971	Paine, et al.	
	10	US-3,610,537	10-05-1971	Nakagawa, et al.	
	11	US-3,729,285 A	04-24-1973	Schwedersky	
	12	US-3,779,212	12-18-1973	Wagner	
	13	US-3,837,788	09-24-1974	Craig, et al.	
	14	US-3,850,569	11-26-1974	Alquist	
	15	US-3,923,011	12-02-1975	Pfefferle	
	16	US-3,928,961	12-30-1975	Pfefferle	
	17	US-4,021,186	05-03-1977	Tenner	
	18	US-4,021,188	05-03-1977	Yamagishi, et al.	
	19	US-4,054,407	10-18-1977	Carrubba, et al.	
	20	US-4,102,125	07-25-1978	Schelp	
	21	US-4,173,118	11-06-1979	Kawaguchi	
	22	US-4,216,908	08-12-1980	Sakurai, et al.	
	23	US-4,271,664	06-09-1981	Earnest	
	24	US-4,288,408	09-08-1981	Guth, et al.	
	25	US-4,297,093	10-27-1981	Morimoto, et al.	
	26	US-4,316,580	02-23-1982	Bodai	
	27	US-4,356,698	11-02-1982	Chamberlain	
	28	US-4,407,450	10-04-1983	Chegolya, et al.	

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*L. J. Casaregola*

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11/1/84

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Sheet	2	of	4	Examiner Name	Louis J. Casaregola	
				Attorney Docket Number	38190/275645	
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No.	Document Number  Number - Kind Code (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
LSC	29	US-4,504,211	03-12-1985	Beardmore		
	30	US-4,566,268	01-28-1986	Hoffeins, et al.		
	31	US-4,575,332	03-11-1986	Oppenberg, et al.		
	32	US-4,773,596	09-27-1988	Wright, et al.		
	33	US-4,783,008	11-08-1988	Ikeuchi, et al.		
	34	US-4,784,600	11-15-1988	Moreno		
	35	US-4,801,092	01-31-1989	Webber, et al.		
	36	US-4,893,468	01-16-1990	Hines		
	37	US-4,912,931	04-03-1990	Joshi, et al.		
	38	US-4,936,088	06-26-1990	Bell		
	39	US-4,955,191	09-11-1990	Okamoto, et al.		
	40	US-4,958,488	09-25-1990	Wilkes, et al.		
	41	US-4,989,549	02-05-1991	Korenberg		
	42	US-5,025,631	06-25-1991	Garbo		
	43	US-5,029,557	07-09-1991	Korenberg		
	44	US-5,042,964 A	08-27-1991	Gitman		
	45	US-5,103,630	04-14-1992	Correa		
	46	US-5,158,445	10-27-1992	Khinkis		
	47	US-5,161,379	11-10-1992	Jones, et al.		
	48	US-5,222,357	06-29-1993	Eddy, et al.		
	49	US-5,224,333	07-06-1993	Bretz, et al.		
	50	US-5,247,791	09-28-1993	Pak, et al.		
	51	US-5,259,184	11-9-1993	Borkowicz, et al.		
	52	US-5,285,628	02-15-1994	Korenberg		
	53	US-5,288,021	02-22-1994	Sood, et al.		
	V	54	US-5,361,578 A	11-08-1994	Dolan	
		55	US-Re35,061	10-17-1995	Correa	
	Examiner Signature	L. J. Casaregola			Date Considered	11/1/94

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LJC	56	US-5,462,430	10-31-1995	Khinkis	
	57	US-5,467,926	11-21-1995	Idleman, et al.	
	58	US-5,675,971	10-17-1997	Angel, et al.	
	59	US-5,680,765	10-28-1997	Choi, et al.	
	60	US-5,743,081	04-28-1998	Reynolds	
	61	US-5,778,676	07-14-1998	Joshi, et al.	
	62	US-5,806,298	09-15-1998	Klosek, et al.	
	63	US-5,833,141	11-10-1998	Bechtel, II, et al.	
	64	US-5,894,720	04-20-1999	Willis, et al.	
	65	US-5,906,094	05-25-1999	Yang, et al.	
	66	US-5,906,806	05-25-1999	Clark	
	67	US-5,934,064	08-10-1999	Newby, et al.	
	68	US-5,950,417	09-14-1999	Robertson, Jr., et al.	
	69	US-5,956,937	09-28-1999	Beichel	
	70	US-5,966,937	10-19-1999	Graves	
	71	US-5,970,702	10-26-1999	Beichel	
	72	US-6,065,281	05-23-2000	Shekleton, et al.	
	73	US-6,076,745	06-20-2000	Primdahl	
	74	US-6,082,112	07-04-2000	Shekleton	
	75	US-6,148,602	11-21-2000	Demetri	
	76	US-6,162,266	12-19-2000	Wallace, et al.	
	77	US-6,170,264B1	01-09-2001	Viteri, et al.	
V	78	US-6,206,684B1	03-27-2001	Mueggenburg	

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LJC	79	EP 1 013 990 A2	06-28-2000	Mitsubishi		
LJC	80	WO 00/43712	07-27-2000	Clean Energy Systems, Inc.		

**OTHER DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
LJC	81	O. BOLLAND and S. SAETHER, New Concepts For Natural Gas Fired Power Plants Which Simplify The Recovery Of Carbon Dioxide; Energy Convers. Mgmt, 1992, pages 467-475, Vol. 33, No. 5-8, Pergamon Press Ltd, Great Britain.	
LJC	82	OLAV BOLLAND and PHILIPPE MATHIEU, Comparison Of Two CO <sub>2</sub> Removal Options In Combined Cycle Power Plants, Energy Convers. Mgmt, 1998, pages 1653-1663, Vol. 39, No. 16-18, Elsevier Science Ltd, Great Britain.	

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11/1/04

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